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Substitute for form 1449A/PTO
(Modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/678,041
Filing Date	October 1, 2003
First Named Inventor	SCHNEIDER, Luke V.
Group Art Unit	1631
Examiner Name	~~Not Yet Assigned~~ Smith
Attorney Docket Number	A-71691-1/RMS/RMK (469852-5)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number-Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1				
	A2				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] Number[4] Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	B1					
	B2					

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CS	C1	BROADHURST, D., et al., "Genetic algorithms as a method for variable selection in multiple linear regression and partial least squares regression, with applications to pyrolysis mass spectroscopy," *Anal. Chim. Acta* 348(1-3):71-86 (Aug. 1997).	

Examiner Signature	/Carolyn Smith/	Date Considered	06/07/2006

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Sheet 1 of 2

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CS	A1	4,935,877	06-19-1990	Koza	
	A2	5,343,554	08-30-1994	Koza et al.	
	A3	5,867,397	02-02-1999	Koza et al.	
	A4	5,896,521	04-20-1999	Shackleford et al.	
	A5	6,185,547 B1	02-06-2001	Shackleford	
	A6 *	6,236,878 B1	05-22-2001	Taylor et al.	
	A7 *	6,490,566 B1	12-03-2002	Schmidt	
	A8	6,578,176 B1	06-10-2003	Wang et al.	
	A9 *	2002/0049625 A1	04-25-2002	Kilambi et al.	
	A10 *	2003/0009099 A1	01-09-2003	Lett et al.	

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	B1	WO 01/75791 A2	10-11-2001	The University of Wales Aberystwyth		

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CS	C1	ELLIS, D., et al., "Rapid and Quantitative Detection of the Microbial Spoilage of Meat by Fourier Transform Infrared Spectroscopy and Machine Learning," *Appl. Environ. Microbiol.* 68(6):2822-2828 (Jun. 2002).	
	C2	GOODACRE, R., et al., "Applications of artificial neural networks to the analysis of multivariate data," *Intelligent Data Analysis in Science: A Handbook*, pp. 123-152, H.M. Cartwright (ed.), Oxford University Press: Oxford, GB (2000).	
	C3	JOHNSON, H., et al., "Explanatory Analysis of the Metabolome Using Genetic Programming of Simple, Interpretable Rules," *Genet. Program. Evolvable Mach.* 1:243-258 (2000).	
	C4 *	KOZA, J., et al., "Evolving Computer Programs using Rapidly Reconfigurable Field-Programmable Gate Arrays and Genetic Programming," *Proc. 1998 ACM/SIGDA 6th Intl. Symp. Field Programmable Gate Arrays*, pp. 209-219 (Mar. 1998).	
	C5	McGOVERN, A., et al., "Monitoring of Complex Industrial Bioprocesses for Metabolite Concentrations Using Modern Spectroscopies and Machine Learning: Application to Gibberellic Acid Production," *Biotechnol. Bioeng.* 78:527-538 (2002).	
	C6	PETRICOIN, E., et al., "Use of proteomic patterns in serum to identify ovarian cancer," *The Lancet* 359:572-577 (Feb. 2002).	
	C7	SCHEWE, P., et al., "Evolutionary Metallurgy," *Physics News Update* 594(3):1 (Jun. 20, 2002).	
	C8	TAYLOR, J., et al., "The deconvolution of pyrolysis mass spectra using genetic programming: application to the identification of some *Eubacterium* species," *FEMS Microbiol. Lett.* 160:237-246 (1998).	

Examiner Signature	/Carolyn Smith/	Date Considered	06/07/2006

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CS	C9 *	WANG, C., et al., "Effects of ramp-rate limits on unit commitment and economic dispatch," *IEEE Transacts. Power Systs.* 8(3):1341-1350 (Aug. 1993).	
CS	C10 *	WHANG, K.-Y., et al. "Query Optimization in a Memory-Resident Domain Relational Calculus Database System," *ACM Transacts. Database Systs.* 15(1):67-95 (Mar. 1990).	

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